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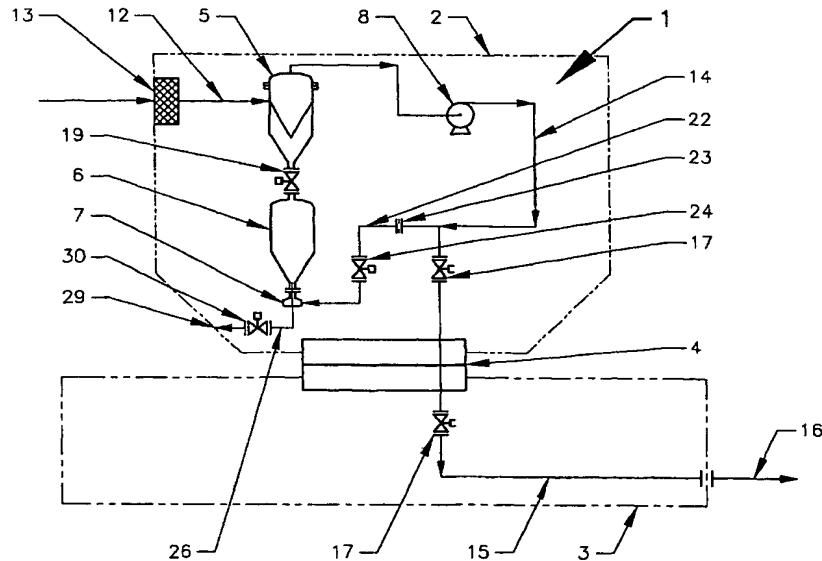
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(54) Title: SYSTEM AND METHOD TO SEPARATE PARTICLES FROM WATER



(57) Abstract: An underwater system (1) has a hydrocyclone (5) for separating sand from seawater, and a pump (8) downstream from the hydrocyclone (5) for drawing seawater upstream of the hydrocyclone into the hydrocyclone. The sand separated from the seawater is collected in a sand storage device (6) below the hydrocyclone. The pump (8) pumps the seawater from which the sand has been removed into a water injection well (16) and a portion of the seawater is diverted into a sand extraction device (7) beneath the sand storage device (6) to flush away the sand collected therein.



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